

0 **In the Claims:**

CLAIMS

We claim:

1. Withdrawn
2. Withdrawn
- 5 3. Withdrawn
4. Withdrawn
5. Withdrawn
6. Withdrawn
7. Withdrawn
- 10 8. Withdrawn
9. Withdrawn
10. Withdrawn
11. Withdrawn
12. Withdrawn
- 15 13. Withdrawn
14. Withdrawn
15. Withdrawn

20 16. (Currently amended) A method for manufacturing a skateboard deck, the method comprising the steps of:

forming a first layer of graphite cloth by taking a piece of graphite cloth, the graphite cloth comprising graphite cloth fiber and a laminating resin therein;
applying a second layer of the graphite cloth to the first layer;

determining the number of layers of the deck according to the weight of an end user, and the conditions under which the deck will be used, using a singularity function;
repeating the steps of forming and applying until a

Patent

U.S. Ser. No. 10/725,262 Canizales et al.

Page 3 of 12

0 desired number of layers are used, forming a ~~desire~~ ~~the~~ ~~determined~~ thickness;

 inserting the ~~desire~~ ~~determined~~ thickness of graphite layers into a mold; and

5 subjecting the mold to a combination of heat and vacuum for a time sufficient for the laminating resin to cure and manufacture the skateboard deck[[]], ~~the deck having at least two regions where a truck will be attached thereto, the deck having a deflection, the deflection being at a maximum at a region of the deck that is halfway between the regions where the trucks will be attached, thereby creating a downward force when the skateboard is used for cornering that maintains control of the skateboard.~~

10 17. (Original) The method as described in claim 16, wherein the heat is a temperature ranging from approximately 200 degrees F. to approximately 600 degrees F.

15 18. (Original) The method as described in claim 17, wherein the heat is a temperature ranging from approximately 250 degrees F. to approximately 300 degrees F.

20 19. (Original) The method as described in claim 18, wherein the heat is a temperature of approximately 250 degrees F.

25 20. (Original) The method as described in claim 16, wherein the vacuum is between approximately 20 - 50 psi.

 21. (Original) The method as described in claim 16, wherein the deck is cured for between approximately one and

0 approximately 4 hours.

22. (Original) The method as described in claim 21, wherein the deck is cured for between approximately two and approximately 3 hours.

5

23. (Original) The method as described in claim 22, wherein the deck is cured for between approximately two and one-half hours.

10 24. (Original) The method as described in claim 17, wherein the deck further comprises an additional layer, the additional layer comprising fiberglass and the laminating resin, the additional layer being the deck bottom.

15 25. Cancelled

26. Cancelled

27. Withdrawn

28. Withdrawn

20 29. Withdrawn

30. Withdrawn

31. Withdrawn

32. Withdrawn

33. Withdrawn

25